

Djibouti - J2 Baldur DJ6SI will operate as J28SI to July 2, on all bands, CW only. His wife DL6KCD will be with him, and she will be active as J28YL or J28CD. Watch the usual DX frequencies. QSL **direct only** to DJ6SI. (Baldur explains his QSLing practices in the April, 1990 issue of *The DX Magazine*.) Sunrise 0250Z, sunset 1530Z.

Solomon Islands - H4 Ron Wright ZL1AMO continues to be very active, mostly CW, with some SSB on nets, especially 14226 kHz at 1300Z. On CW, try 7004 1030-1230Z, 14026 05-0600Z and 11-1400Z, and 21026 00-0400Z and 1300Z. Try one kHz **down** on CW. Sunrise 1940Z, sunset 0710Z. QSL to ZL1AMO, **direct only**.

Trindade - PYØ ZYØTW and ZYØTK came on the air late, but were very active until June 12. They have not been heard since then. No explanation for their disappearance.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication
QSL Notes

- Dick Barnes S79D is now VQ9RB. QSL either call direct to him c/o Ford Aerospace Corp., NAVSUPFAC, Box 55, FPO San Francisco 96685-2000. (VQ9RB is a re-issued call; Dick can QSL contacts **after May 1990** only.)
- The FS/JA8RWU logs were stolen at the Newark Airport, so Akira cannot confirm that operation. His VP2E logs were not stolen.
- The recent Belize operations by Texans QSL as follows: V31SQ to K5TSQ, V31KA to KB5LVH, V31VX to W5VX, and V31RR to WN4KKN. They'll confirm all QSOs via the bureau, after handling direct cards.
- Bob Preston W7TSQ says his YB3ASQ QSL cards are over-sized, and won't fit into a standard small SASE. Send a business-sized SASE to Bob at 809 Cary Road, Edmonds WA 98020. YB3ASQ went off the air in April.

Shortly Noted

- **Albania** may soon be on the air, in late June or early July, with Zoli HA5PP and friends operating for 2-3 weeks.
- The Siberian Bear DX Club is planning a DXpedition to Tadzhikistan Republic, Oblast 040, around July 27, using the call UZ9LWG/UJ8J. QSL to Eugene Pimenov UW9LA, P.O.Box 3554, Tyumen 625000 USSR.
- **GB4JUL** will be active again this year, July 1-28, especially looking for US contacts. QSL to KE2AE, or via the RSGB bureau. (See the March 1990 issue of *The DX Magazine*.)
- **TJ1RK** is the new callsign of Bob Kellogg AH6HQ/TJ. Try 28450 kHz at 1600Z.
- **YS1FOC** is the requested call of N5TP until the end of June.
- **TN1AT** is Andre in Brazzaville, Congo. He has been heard in Europe on 21275 and 28795 kHz around 0800Z. QSL to F6FNU, direct only. (Thanks **MDXN**.)
- **WZ6C/ST4** is presently in the US, but will return to Sudan in early July, and promises more CW and 17-meter activity, and even some more 'camel mobile' operation. He has to maintain a low profile, as antennas attract bullets in Sudan, so he sticks to dipoles.
- **9Q5DX** went off the air on April 16. QSL any outstanding contacts to Jim Kessler KQ3S at 8 Preakness Way, **Marstons Mills MA 02648**. This is a **new address**.
- The DXCC program at ARRL Headquarters has finally started entering **new DXCC** applications into a computer program. This long-term project should help the DXCC desk catch up on their four-month backlog of applications.
- **SSB Net** check-ins: 14222 kHz: T3ØJH C21NI 3D2XV; 14227: H44RW C21NI V85NR VK9TR BV4OB P29BT N6BUV/KHØ; 14256: ZC4MK VP8BKX 3X1SG; 21335: AH6HQ/TJ (now TJ1RK) VQ9AN OD5MM ZS9A 9J2BO 7Q7RM AP2JZB UJ8HA.
- **Islands On The Air: J49G** will be active the first two weeks of August from Gavdos Island, south of Crete. CW, SSB, and RTTY, by SV1KU VJ WQ and AFP, and SV9TJ ADH and AHZ. No IOTA listing. LA4LN and LA2SR will operate from several Norwegian islands in mid-July, including Mageroy (EU-44), Tromsø (EU-46), Lofoten (EU-76), Vesteralen (EU-33), and Bronnøy (EU-62). **T46FK** is active to July 2 from Frago Key in the Sabana group (NA-??) (Cuba for DXCC.) QSL to CO6CD. **WA6OPZ** will be active from Catalina Island (NA-66) July 8-14, on 40-10 meters. Try 21100-21150 CW during the day, and 28450 kHz and high in the SSB bands. QSL home call, with SASE. Finally, the updated IOTA directory (as of May, 1990) is now available from *The DX Bulletin* for \$4 postpaid. An update sheet with new IOTA entries from the last IOTA directory is also available, at no charge (SASE, please.) The update has already been sent to everyone who purchased an IOTA directory from us in 1990.
- **RTTY** report: **EA9MY** is often on 14082 kHz at 0120Z. Also, **HV3SJ** on 14090 at 0130Z. Jon Severt WB8YJF has an IRL FSK-500 RTTY demodulator available for loan to DXpeditioners. Contact him at 3993 Rey. N.A. Road, New Albany OH 43054. Some active stations: **TJ1MW** 14076 ARQ 1900Z; **A45ZO** 14079 ARQ 1900Z; **YI1BGD** 21085 1600Z.

Propagation Forecast and Historical Data

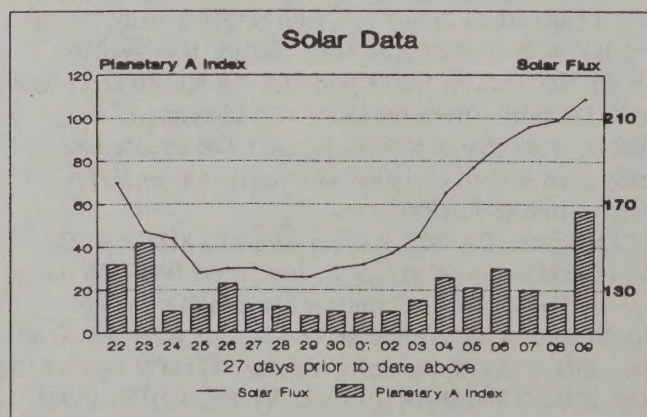
Day Forecast	27 Days Before	55 Days Before
June 1990	Date Flux A K	Date Flux A K
22 Below Normal	05/26 180 38/32 5	04/28 148 18/28 3
23 Disturbed	05/27 157 35/42 2	04/29 138 26/32 3
24 High Normal	05/28 154 09/10 2	04/30 133 17/22 2
25 Low Normal	05/29 138 08/13 2	05/01 127 10/12 1
26 Low Normal	05/30 140 18/23 3	05/02 126 10/11 1
27 Low Normal	05/31 140 14/13 4	05/03 122 15/18 3
28 Low Normal	06/01 136 12/12 3	05/04 121 12/13 1
29 High Normal	06/02 136 04/08 0	05/05 128 12/13 2
30 High Normal	06/03 140 05/10 2	05/06 146 06/08 1
July 1990		
01 High Normal	06/04 142 07/09 1	05/07 151 07/10 2
02 High Normal	06/05 147 07/10 3	05/08 164 12/12 2
03 High Normal	06/06 155 13/15 3	05/09 169 20/11 2

Propagation Watch

Solar activity peaked in mid-June as expected, but at a relatively low flux value of about 220. Solar flux will drop over the next week, as the quiet side of the sun rotates in our direction. The parts of the sun that produced the large, magnetically complex sunspot regions 6063 and 6064 in May were virtual duds in June. The low flux peak in mid-June suggests that Sunspot Cycle 22 has peaked, probably in mid-1989, and we should not expect many more 250+ flux days.

However, when the geomagnetic field cooperates, we can still look forward to some excellent DX propagation. During the first few days of June, the bands were as good as DXers could wish for at this time of the year. Several days in a row of stable geomagnetic activity gave DXers super conditions on 15, 12, and 10 meters. 15 meters stayed open most of the night, and the long path on 15 produced some strong signals. Unfortunately, many DX stations don't look for this relatively rare opening, and thus don't take advantage of it when it occurs. Should the quiet side of the sun give us another few flareless days in a row, look for good conditions on the polar and long paths, on the higher bands.

The single factor that lowers the maximum useable frequency (MUF) in the summer months is the D layer of the ionosphere. All skywave signals must pass through this low-lying layer twice on each hop, and the long hours of overhead sun in the summer produce intense ionization in the D layer, which attenuates signals, and lowers MUF. However, the D layer doesn't form until shortly after sunrise, and dissipates immediately after sunset. Thus the MUF is much higher at local sunrise and sunset than during the rest of the daylight hours. Check out 10 and 12 meters at these times.



Regulars

■ Ascension Island	ZD8LII	21010	19-2200Z
■ Botswana	A22AA	14200±	1430Z
■ Crete	SV9BAI	15M CW	21-2200Z
■ Iceland	TF3CW	21030	2230Z
■ Jordan	JY9SR	15M CW	1930-2230Z
■ Kerguelen	FT5XH	14198	11-1200Z
■ Kirghizia	RM8MD	21016	0200Z
■ Malawi	7Q7RM	14040	1330Z
■ Malaysia	9M2AX	14026	10-1400Z
■ Marion Island	ZS8MI	28500±	1120-1400Z
■ Marion Island	ZS8MI	20M SSB	12-1400Z Sat.
■ Mauritania	5T5SR	21300±	2000Z
■ Papua New Guinea	P29BT	14190	11-1200Z
■ Paraguay	ZP6XDW	21026	0000Z
■ Reunion Island	FR5DD	20M CW	04, 10-1200Z
■ San Andreas	HKØBKX	21020	0030Z
■ San Andreas	HKØTCN	14200±	04, 0900Z
■ San Andreas	HKØBKX	14016	23, 1230Z
■ Saudi Arabia	HZ1AB	14002	1330Z
■ Singapore	9V1XR	14023	1330Z
■ Sri Lanka	4S7CF	14011	12-1400Z
■ Sri Lanka	4S7EA	21011	2320Z
■ St. Pierre & Miquelon	FP5DX	7006	0400Z
■ Taiwan	BV2DA	14025	1300Z
■ Thailand	HSØAC	21025	0045-0300Z
■ Thailand	HSØAC	14230	11-1200Z
■ Turkey	TA8C	15M SSB	22-2400Z
■ Turkey	TA4A	20M CW	0000Z Thurs.
■ Western Samoa	5W1KY	14005	123-1400Z
■ Western Samoa	5W1KY	14215	1200Z
■ Willis Island	VK9TR	14200±	10-1300Z

Kenya Report

Jim Henderson KF3E is presently stationed at the American Embassy in Nairobi, Kenya. He reports that his efforts to get operating permission have not been productive. The Kenya Post and Telecoms has suspended the licensing of foreign hams until 'proper reciprocal licensing arrangements have been concluded between the respective countries.' Expatriate hams already holding licenses will be allowed to operate until those licenses expire at the end of this year.

Jim suggests any DXers planning a trip to Kenya should write to the Kenya tourist board asking that reciprocal licensing continue until formal arrangements can be made. Since Kenya derives a substantial income from tourists, this pressure might help. Also, if any readers know how to initiate the process for establishing formal reciprocal licensing arrangements, Jim would like to hear from you. Contact him at American Embassy, Box 411, APO NY 09675.

Meanwhile, work any expatriate 5Z4 hams before the end of the year. Kenya will be much more difficult to work next year.

Zaire Opportunity

The Earthwatch organization is looking for volunteers to help find stone-age artifacts in Zaire in early July. The cost of the two-week trip has just been reduced to only \$1,000, which should be tax-deductible for most US hams. If you are interested, contact Earthwatch immediately at Box 403, Watertown MA 02272, or call 617-926-8200.

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY						UB9R/ 14022 0224 9 NH RB5AA						UD7ØDKZ 18078 0013 3 VA UM8MBA 18075 0315 4 SC						JD1/ 21278 0200 3 GA JH1MAO 21277 2336 2 MI T2ØAA 21281 0430 2 WA T77C 21321 2115 6 MN TA8C 21272 2143 4 VA TL8WD 21205 0540 6 CA UG6JJ 21282 1012 6 NH UH8EA 21204 0340 4 WA UJ8KA 21334 0350 4 WA V31JP 21226 1429 10 PA V31OA 21236 0010 9 CA VP8BXK 21254 1347 10 MD VQ9AN 21309 1927 24 MD VR6JR 21250 0200 7 OH XW8KPL 21226 1508 2 MD Z21JS * 21205 0548 7 CA ZC4BS 21280 0555 4 CA																	
5N8ALE 14075 0533 11 FL 7J6CAS 14082 1140 9 OH 9M2AX 14088 1345 4 WA EA9MY 14083 0118 10 FL ED9CI 14084 2349 14 FL ES7FU 14088 0532 10 FL HKØBKX 14090 2341 16 FL HV3SJ 14088 0132 10 FL JY9SR 14086 0049 10 FL OD5NG 14098 0123 10 FL PJ7VL 14089 2330 7 WA UQ2HO 14087 0250 6 OH UY5EG 14084 0250 7 OH UZ9CWA 14090 0300 9 OH V31MI 14075 0119 12 FL						20 Meter SSB 3B9FR * 14206 110 11 MA 5V7RF 14215 0031 26 MD 5W1KY 14210 0545 6 FL 5W1KY 14218 1144 8 GA 7P8DF * 14193 1245 12 IA 7P8EB * 14232 1500 8 WA 7Q7RM 14175 1245 2 NH 9K2KD 14271 0118 7 MD 9K2KS 14179 0156 25 MD 9M8MG 14210 2153 9 MT 9V1NQ 14165 1020 11 FL 9V1YC 14209 1434 9 CA A22AA * 14179 1445 3 WA A41KV 14171 0110 7 MD AH3C 14184 1148 8 GA AH9AC 14225 0800 12 IA BV2A 14163 1600 1 WA BZ4CC 14195 1218 1 NH BZ4SAA 14210 1119 11 MA CEØZIG 14222 0150 6 NY EA9IB 14213 0419 1 ON FOØIGS 14227 0943 6 NY FP5DX 14212 0339 11 MI FT4XG 14162 1330 11 IA FT5XH * 14198 1100 12 MA H44AP 14196 1053 4 VA H44RW 14165 1200 6 MT H44RW 14226 1240 11 MT H18MEQ 18125 0015 9 MI HKØTCN 14228 0442 1 ON HKØTCN 14195 0900 6 BC HL9HH 14160 1000 6 FL HSØAC 14226 1038 6 FL JX7DFA 14256 2222 6 NY KA2CC 14177 1010 7 FL P29BT 14191 1100 11 NH P29CG 14235 1054 12 MA T3ØBC 14241 1220 11 MA TA5KA 14192 0203 25 MD TU2CR 14235 0134 12 MT UH8EA 14187 0108 12 MI V51E * 14232 1505 8 WA VKØDS 14175 1045 11 FL VK9TR 14201 1005 7 FL VP2E/ 14197 0317 12 MT G4JVG VU2AU * 14190 1107 11 MA VU2DZ 14185 1053 30 IL VU2PKK * 14178 1108 11 MA VU2TTC 14205 0949 5 FL Z21BA 14167 1205 11 NH ZB2IW 14152 0520 9 IA ZS8MI * 14210 1220 9 IA ZS8MI * 14263 1352 2 CA ZYØTK 14195 0055 12 MA						17 Meter SSB 9K2EC 18142 2159 10 MA C31LBB 18110 0037 7 SC C6AFR 18135 1300 11 MA GUØALD 18144 2352 8 MA H18MEQ 18126 0002 9 MA PY2WZ 18119 0043 10 MI VE8PLU 18141 0051 11 MA VE8PW 18136 0044 9 MA VP2EE 18140 0150 14 MA						15 Meter CW 4K3BB 21010 2303 3 VA 4S7EA 21010 2322 11 MA 5H3TW 21021 2100 10 UT 5Z4BG 21023 1850 5 MT 8R1J 21019 2240 16 FL BV2AB 21023 2215 6 OR BY4RB 21029 0100 7 GA BZ1OK 21020 0129 6 PA BZ4RA 21012 0140 12 IA EA8BTU 21011 0319 10 MI H44RW 21021 1250 12 NH H44RW 21025 2349 6 UT HKØBKX 21022 0033 3 VA HSØAC 21025 0044 5 MA JY9SR 21031 1931 5 MT P29PL 21021 2129 15 FL PZ1DY 21020 0134 16 FL RD7ØDWW 21014 1354 5 NH RM8MD 21018 0205 4 GA RN7N 21014 1123 5 VA SV9BAI 21033 2050 5 MT T77C 21030 2033 6 OR TA3D 21013 0420 6 CA TF3CW 21030 2238 5 NY TR8XX 21017 2050 9 NH UC9C/ 21016 0220 5 MI RC2AR UD6DKP 21018 0250 5 CA UD6DKW 21025 0429 5 VA UG6GAW 21008 0310 6 CA UI8GBK 21025 0440 7 FL UI8OAE 21007 2017 8 PA UL8PA 21010 0300 6 CA VP2EXX 21025 0231 11 NY VU2TTC 21034 1635 11 CT YN3CC 21017 1733 4 NH ZD8LI 21010 1918 10 MA ZP6XDW 21026 0011 9 PA ZYØTW 21026 2319 11 FL						10 Meter CW 5W1KY 28011 0135 4 GA 6W6JX 28027 1422 7 SC 7X2AX 28019 2323 6 FL AP1XBH 28020 2123 4 SC H44RW 28022 0022 7 MD TD8GT 28029 1805 3 MA											
40 Meters FK8GJ 7001 1245 12 CA FP5DX 7008 0414 12 MA H44RW 7006 1028 6 MN ZYØTW 7003 0008 12 FL						30 Meters FG5ED 10101 0257 13 MA GW3VOL 10106 2216 15 FL HR1LW 10103 0247 8 SC VK3NC * 10104 2202 13 FL						20 Meter CW 3D2AG 14024 1133 2 IL 4K3BB 14011 2153 11 FL 4S7CF 14003 1150 10 IA 4S7WP 14003 2332 8 NH 4U1ITU 14028 2210 11 FL 5W1KY 14004 0736 9 MA 5W1KY 14005 1240 10 MT 7K1KJD 14020 1351 5 UT 7Q7JW * 14021 1430 2 WA 7Q7RM 14040 1325 9 CA 9M2AX 14026 1013 8 NH 9V1XI 14027 1330 8 CA 9V1XR 14021 1330 8 CA 9V1XX 14020 1351 5 UT BV2DA 14025 1255 6 WA C21DX 14051 0516 6 UT C21DX 14032 1030 7 NH C3ØAAN 14028 0023 14 FL EA8BDX 14018 0410 6 CA EL2P 14031 2357 5 NY FK8FR 14025 1050 11 FL FP5DX 14021 0106 31 GA FR5DD 14013 0400 7 CA FR5DD 14026 1018 8 NH FR5DD 14020 1210 11 MT H44RW 14027 0445 13 FL H44RW 14026 1056 10 VA HKØBKX 14021 1231 12 MT HSØAC * 14017 1107 4 MD HY6JUN 14029 2019 6 VA HZ1AB 14001 1330 10 OK JX7DFA 14012 0230 9 IA PZ1DY 14032 0429 10 UT PZ1DY 14023 1047 5 VA RN7N 14027 2214 5 VA RTØUO 14026 0145 1 GA TA4A 14016 0014 14 FL TR8GL 14020 0008 12 NH UAØX/ 14025 1100 16 FL UZØZWY UA2FGO 14007 2138 11 FL						17 Meter CW 3B8CF 18077 0324 7 SC 7X3A 18073 2140 8 NH C31LBB 18074 1226 15 MA EA8AB 18070 1902 3 SC ES1QD 18075 0338 5 SC FG5ED 18078 1239 6 VA PZ1DV 18082 0227 11 MA SV9ADH 18080 2204 7 SC T77C 18072 1840 3 SC						10 Meter SSB 3DAØBK * 28495 0614 2 CA 5H3TW * 28485 0620 2 CA 5U7NU 28490 1025 10 NJ 5V7RF 28564 1030 10 NJ 9Q5SL 28463 1000 10 NJ A22AA 28458 1220 10 NJ C53FV 28522 1230 10 NJ D44BS 28510 1356 10 MD FT4XH 28440 1131 22 MD FT5XA 28470 0915 10 NJ H44RW 28490 2224 10 CA TR8XX 28470 1020 10 NJ TU2CQ 28497 1110 5 FL TZ6PS 28510 1118 10 NJ V51P 28490 1413 10 MD YE9Z * 28493 1040 10 NJ ZD7DP 28537 1313 10 MD ZD7VC 28467 1055 10 NJ ZD7VC 28515 1824 29 NH ZD9BV 28466 0950 10 NJ ZS8MI 28505 1120 10 NH ZS9A 28610 1515 3 FL						6 Meters C6A/ 50110 2118 3 VA DG1PJ C6AFR 50110 1446 9 NH PJ2BR 50108 2119 3 VA					
Novice Band DL1GBZ 21124 1655 16 FL GØMZI 21116 1653 16 FL GWØBZI 21115 1706 16 FL OH2MKZ 21121 1647 16 FL SM7GPP 21135 1711 16 FL SP8YA 21119 1652 16 FL UA9KA 21146 1712 16 FL YU4AAW 21120 1648 16 FL ZS6BPQ 21134 1700 16 FL																																			

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Calendar

Issue 543 - June 22, 1990

(Changes and hot info in boldface.)

Albania - ZA by HA5PP etc. soon? I543
Algeria - 7X 7X2FK 14030 0400Z I541
Anguilla - VP2E by G4JVG SSB June 11-23 I541
Ascension - ZD8 ZD8LII 21010 19-2200Z I543
Asiatic RSFSR 4K4QQ 4K4BAN 20M CW 13-16Z I538
Bahrain - A9 A92BE 18130 2100Z I540
Botswana - A2 A22AA 14200± 1430Z I543
Brunei - V8 V85GA 20M SSB 1045Z I542
Canary Is. - EA8 EA8ZO 17M SSB 1930Z I542
Cayman Island - ZF ZF2AH, JT July 1-14 I537
Corsica - TK TK/PA3EBT/p June 23-July 16 I542
Crete - SV9 SV9BAI 15M CW 21-2200Z I543
Crozet - FT/W FT4WB 28440 0930Z I542
Cyprus - 5B 5B4OG 18080 0130Z I542
Djibouti - J2 J28SI by DJ6SI to July 2 I543
East Malaysia - 9M 9M8MG 14225 1400Z I541
Easter Island - CEØ CEØZIG 18080 0130Z I539
European RSFSR 4K3BB 21020 23-0130Z I542
Fiji - 3D 3D2AG 14022 1030Z I541
Franz Josef Land 4K2OIL 18080/21Z 20M SSB 23Z I537
French Polynesia FOØIGS 14224 1000Z Tuesday I540
Guadeloupe - FG FG5BG 14200 0400Z I541
Iceland - TF TF3CW 21030 2230Z I543
India - VU VU2LIZ 14210 1130Z Wed. I541
Indonesia - YB YBØWR 18120 13-1500Z I542
ITU Geneva - 4U 4U1ITU July 5-8 I542
Johnston Island - KH3 AH3C 14028 0330Z I541
Jordan - JY JY9SR 15M CW 1930-2230Z I543
Kazakhstan - UL UL7MU 14030 0215Z I540
Kenya - 5Z 5Z4BI 21240 1930Z I541
Kerguelen - FT/X FT5XH 14198 11-1200Z I543
Kirghizia - UM RM8MD 21016 0200Z I543
Malawi - 7Q 7Q7RM 14040 1330Z I543
Malaysia - 9M 9M2AX 14026 10-1400Z I543
Marion Island - ZS8 ZS8MI 20M SSB 12-1400Z Sun. I543
 28500± 1120-1400Z I543
 14256 1130Z Sundays I542
Market Reef - OHØM July 28-Aug. 4 I534
Mauritania - 5T 5T5SR 21300± 2000Z I543
Mauritius - 3B 3B8CF 18078 0400Z I541
Monaco - 3A 3A/K4UEE June 25-28 I542
Mongolia - JT JT1AA 14004 1330Z I540
Nauru - C2 C21NI June 27+ I536
 C21DX 14200+/- 1130Z I541
New Caledonia - FK FK8GJ 14020 1030-1130Z I541

Norfolk Is. - VK9N VK9ND 14215 1130Z I542
Oman - A4 A41KV 20M SSB 0100Z I541
Papua New Guinea - P2 P29BT 14190 11-1200Z I543
Paraguay - ZP ZP6XDW 21026 0000Z I543
Pitcairn Island - VR6 VR6JR 18140 0100Z I541
Reunion Island - FR FR5DD 20M CW 04, 10-1200Z I543
 FR4AE 14200 1300Z I542
St. Pierre - FP FP5DX 7006 0400Z I543
 by W5WMU July 18-24 I541
San Andreas - HKØ HKØBKX 21020/0030Z 14016/23, 12Z I543
 HKØTCN 14200± 04, 0900Z I543
Saudi Arabia - HZ HZ1AB 14002 1330Z I543
Seychelles - S7 S79VD 40-M CW June 1-30 I539
Sierra Leone - 9L 9L1US 15M SSB 2130Z I542
Singapore - 9V 9V1XR 14023 1330Z I543
Solomon Island - H4 H44RW to June 24 I541
 H44AP 14200+/- 1100-1300Z I542
Sri Lanka - 4S 4S7CF 14011 12-1400Z I543
 4S7EA 21011 2320Z I543
Tadzhikistan - UJ UJ8JCQ 21005 0200Z I542
Taiwan - BV BV2DA 14025 1330Z I543
 BV2TA 20M CW 1330Z I542
Thailand - HS HSØAC 21025 0045-0300Z I543
 7006 1145Z, 14230 11-1200Z I543
Togo - 5V 5V7RF 14215 kHz 0030Z I542
Trindade - PYØT by PS7KM, PT7AA June-July? I538
Turkey - TA TA4A 20M CW 0000Z Thurs. I543
 TA8C 15M SSB 22-2400Z I543
Walvis Bay - ZS9 ZS9A 28610 1430-1600Z Sun. I539
Western Kiribati - T3Ø T3ØJH June 20-27 I536
Western Samoa - 5W 5W1KY 14005/1230Z 14215/12Z I543
Willis - VK9 VK9TR 14200± 10-1300Z I543
Zone 2 - VO KA1TRF, W1EQO June 22-28 I541

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA4MM, AB8K, F2YS, JH1FDP, K1HDO, K1JKS, K2OLG, K3ZPG, K4GLU, K4IL, K4LNA, K5TSQ, K6IR, K7ABV, K7UOT, K8RWL, KA1XN, KA3DBN, KA3UVU, KB4VHW, KE7X, KF6HI, KG4O, KJ4BK, KQ3S, LNDX, MDXN, N1HN, N2GLH, N4MM, N6NKN, NX7K, UA9LP, VE3NN, VE7COP, VQ9RB, WØRXL, W1BFT, W1CNU, W1CYB, W1HH, W1UN, W4VQ, W6OSP, W6UQF, WA2VKS, WA5RES, WB6JMS, WB8SFF, WB8ZRL, WD9GGY, WJ7R, WZ6C, and NCDXC. Thanks!

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